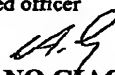


Rec'd PCT/PTO 05 OCT 2002

10/510097

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU02/01168

A. CLASSIFICATION OF SUBJECT MATTER				
Int. Cl. 7: B41J 2/045, 2/165, B81B 7/00				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) REFER ELECTRONIC DATA BASE CONSULTED BELOW				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI IPC B41J 2/-, B81B, B81C, B82B & keywords: PRINthead, INKJET, MEMS, NOZZLE, CHIP, DRIVE, ACTUATOR, TWO, DUAL, TWIN and similar terms				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	US 6364453 A (SILVERBROOK) 2 April 2002 See whole document	1-12		
A	WO 00/23279 A (SILVERBROOK RESEARCH PTY. LIMITED) 27 April 2000 See whole document	1-12		
P, A	US 6425651 A (SILVERBROOK) 30 July 2002 See whole document	1-12		
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex				
<table border="0"> <tr> <td style="vertical-align: top;"> <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </td> <td style="vertical-align: top;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> </td> </tr> </table>			<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>			
Date of the actual completion of the international search 26 September 2002		Date of mailing of the international search report 4 OCT 2002		
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  ADRIANO GIACOBETTI Telephone No : (02) 6283 2579		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU02/01168

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	6364453	AU	200040912	EP	1185482	WO	200064804
WO	200023279	AU	200011391	EP	1121249	US	6273544
		US	6420196	US	6312114	US	6439699
		US	6378989	US	6309048	US	2002097300
		US	2002036674	US	6443558	US	6439689
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		US	2002033867				
US	6425651	AU	83235/98	EP	997033	EP	1021794
		US	6071750	US	6110754	US	6152619
		US	6171875	US	6180427	US	6188415
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		US	6196739	US	6213588	US	6213589
		US	6214244	US	6217153	US	6217165
		US	6220694	US	6224780	US	6225138
		US	6227653	US	6227654	US	6228668
		US	6231163	US	6231772	US	6231773
		US	6234609	US	6235211	US	6235212
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		US	6241904	US	6241905	US	6241906
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		US	6248248	US	6248249	US	6251298
		US	6254220	US	6254793	US	2001006394
		US	6257704	US	6258284	US	6258285
		US	6260953	US	2001008406	US	2001008408
		US	6264306	US	6264307	US	6264849
		US	6264850	US	2001009430	US	6267904
		US	6267905	US	6270182	US	2001012035
		US	6283582	US	6284147	US	6286935
		US	6287028	US	6289262	US	6290861
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU02/01168

Information on patent family members

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WO	9904551	US	6227648	US	6350023
US	6087638	EP	999933	US	6234610
WO	9903680	AU	83236/98	US	6378970
US	6238111	US	6238033	US	6231148
AU	83227/98	EP	999934	US	2002033863
WO	9903681	US	6398328	US	6431704
US	6415054	AU	83238/98	US	2002060723
US	6435667				

END OF ANNEX